

MPC (CBB23) Metallized Polypropylene Film Capacitor (Encased)

金属化聚丙烯薄膜电容器 (盒子型)

★ FEATURE

- Non-inductive construction and self-healing
- High property moisture resistance
- Super physical and environmental characteristics

特点:

- 无感型结构、自愈性
- 高耐湿特性
- 优异的物理特性及环境适应性

★APPLICATION

- Filter and noise suppression circuit
- Pulse, logic and timing circuit
- DC-blocking, by-passing and signal coupling in general communication's equipment

用途:

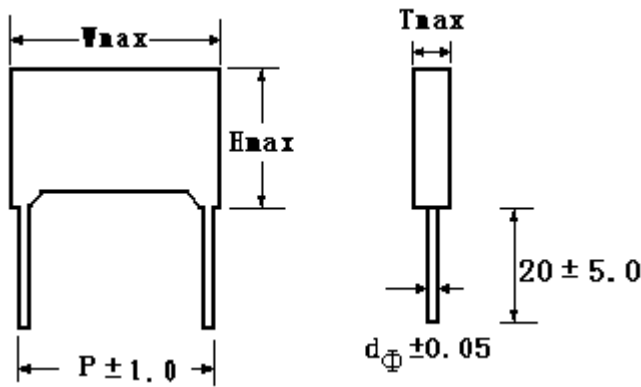
- 滤波及噪音抑制回路
- 脉冲、逻辑、定时回路
- 通讯设备中之直流减振, 旁路及信号耦合

★ SPECIFICATIONS 技术要求:

| | | |
|---|---|--|
| DIELECTRIC 介质 | Polypropylene film 聚丙烯薄膜 | |
| ELECTRODES 电极 | Vacuum evaporated metal or Alluminum foil 真空蒸镀金属或铝箔 | |
| COATING 包封 | Encapsulated in reinforced flame retardant plastic case sealed with epoxy resin meeting the requirement of UL94V-0 阻燃盒子并以环氧树脂灌封 | |
| LEADS 导线 | Axial leads of tinned wire 径向镀锡导线 | |
| REFERENCE STANDARD 引用标准 | IEC 384-16; GB 10190-1988 | |
| CLIMATIC CATALOGUE 气候类别 | 40/85/21 | |
| CAPACITANCE VERSUS RATED VOLTAGE(U_R) 静电容量与额定电压 | 0.001 μ F-2.2 μ F/100VDC 0.001 μ F-2.2 μ F/400VDC | 0.001 μ F-2.2 μ F/250VDC 0.001 μ F-2.2 μ F/630VDC |
| CAPACITANCE TOLERANCE 静电容量误差 | M=±20% K=±10% J=±5% | |
| DISSIPATION FACTOR (TANGENT OF LOSS) 散逸因素 (损耗角正切) | DF ≤ 0.1% (at 20 °C 1KHz) | |
| VOLTAGE PROOF 耐电压 | 1.6* U_R Unit:VDC (5s at 20 °C) | |
| INSULATION RESISTANCE 绝缘电阻 | C ≤ 0.33 μ F IR ≥ 30000M Ω ; C>0.33 μ F IR*C ≥ 5000S (1minute at 20 °C and RH ≤ 65%) | |
| ENDURANCE 耐久性 | 1000 hours with 125% of rated voltage at 85 °C .After the test: 85 °C 条件下, 125% 之额定电压 1000 小时, 试验完成后: Δ C/C ≤ 5%; Δ DF ≤ 0.4% IR ≥ 50% of the specified value (标称值) (20 °C 1KHz) | |

★ OUTLINE DRAWING 外形图

★ PICTURE 实物图



★ DIMENSION 尺寸

UNIT 单位: mm

| Capacitance | | 100VDC | | | | | 250VDC | | | | | 400VDC | | | | | 630VDC | | | | |
|-------------|--------|--------|------|------|------|-----|--------|------|------|------|-----|--------|------|------|------|-----|--------|------|------|------|-----|
| symbol | μF | W | H | T | P | dΦ | W | H | T | P | dΦ | W | H | T | P | dΦ | W | H | T | P | dΦ |
| 102 | 0.0010 | 10.5 | 9.0 | 4.0 | 7.5 | 0.6 | 10.5 | 9.0 | 4.0 | 7.5 | 0.6 | 10.5 | 9.0 | 4.0 | 7.5 | 0.6 | 10.0 | 9.0 | 4.0 | 7.5 | 0.6 |
| 152 | 0.0015 | 10.5 | 9.0 | 4.0 | 7.5 | 0.6 | 10.5 | 9.0 | 4.0 | 7.5 | 0.6 | 10.5 | 9.0 | 4.0 | 7.5 | 0.6 | 10.5 | 9.0 | 4.0 | 7.5 | 0.6 |
| 222 | 0.0022 | 10.5 | 9.0 | 4.0 | 7.5 | 0.6 | 10.5 | 9.0 | 4.0 | 7.5 | 0.6 | 10.5 | 9.0 | 4.0 | 7.5 | 0.6 | 10.5 | 9.0 | 4.0 | 7.5 | 0.6 |
| 332 | 0.0033 | 10.5 | 9.0 | 4.0 | 7.5 | 0.6 | 10.5 | 9.0 | 4.0 | 7.5 | 0.6 | 10.5 | 9.0 | 4.0 | 7.5 | 0.6 | 10.5 | 9.0 | 4.0 | 7.5 | 0.6 |
| 472 | 0.0047 | 10.5 | 9.0 | 4.0 | 7.5 | 0.6 | 10.5 | 9.0 | 4.0 | 7.5 | 0.6 | 10.5 | 9.0 | 4.0 | 7.5 | 0.6 | 10.5 | 9.0 | 4.0 | 7.5 | 0.6 |
| 682 | 0.0068 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 |
| 103 | 0.010 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 |
| 153 | 0.015 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 |
| 223 | 0.022 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | 13.0 | 9.0 | 6.0 | 10.0 | 0.6 |
| 333 | 0.033 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 | 18.0 | 12.0 | 6.0 | 15.0 | 0.8 |
| 473 | 0.047 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | 13.0 | 12.0 | 6.0 | 10.0 | 0.6 | 18.0 | 12.0 | 6.0 | 15.0 | 0.8 |
| 683 | 0.068 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | 13.0 | 12.0 | 6.0 | 10.0 | 0.6 | 18.0 | 10.0 | 5.0 | 15.0 | 0.6 |
| | | | | | | | | | | | | 18.0 | 12.0 | 6.0 | 15.0 | 0.8 | 18.0 | 13.5 | 7.5 | 15.0 | 0.8 |
| 104 | 0.10 | 13.0 | 12.0 | 6.0 | 10.0 | 0.6 | 13.0 | 12.0 | 6.0 | 10.0 | 0.6 | 13.0 | 12.0 | 6.0 | 10.0 | 0.6 | 18.0 | 12.0 | 6.0 | 15.0 | 0.8 |
| | | | | | | | | | | | | 18.0 | 12.0 | 6.0 | 15.0 | 0.8 | 18.0 | 14.5 | 8.5 | 15.0 | 0.8 |
| 154 | 0.15 | 18.0 | 10.0 | 5.0 | 15.0 | 0.8 | 18.0 | 10.0 | 5.0 | 15.0 | 0.8 | 18.0 | 13.5 | 7.5 | 15.0 | 0.8 | 26.5 | 15.0 | 6.0 | 22.5 | 0.8 |
| | | | | | | | | | | | | 18.0 | 14.5 | 8.5 | 15.0 | 0.8 | 26.5 | 16.0 | 7.0 | 22.5 | 0.8 |
| 224 | 0.22 | 18.0 | 12.0 | 6.0 | 15.0 | 0.8 | 18.0 | 12.0 | 6.0 | 15.0 | 0.8 | 18.0 | 14.5 | 8.5 | 15.0 | 0.8 | 26.5 | 16.0 | 7.0 | 22.5 | 0.8 |
| | | | | | | | | | | | | 26.5 | 16.0 | 7.0 | 22.5 | 0.8 | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 |
| 334 | 0.33 | 18.0 | 13.5 | 7.5 | 15.0 | 0.8 | 18.0 | 13.5 | 7.5 | 15.0 | 0.8 | 18.0 | 16.0 | 10.0 | 15.0 | 0.8 | 26.5 | 17.0 | 8.5 | 22.5 | 0.8 |
| | | | | | | | | | | | | 26.5 | 17.0 | 8.5 | 22.5 | 0.8 | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 |
| 474 | 0.47 | 18.0 | 16.0 | 10.0 | 15.0 | 0.8 | 18.0 | 16.0 | 10.0 | 15.0 | 0.8 | 18.0 | 18.0 | 10.0 | 15.0 | 0.8 | 26.5 | 18.5 | 10.0 | 22.5 | 0.8 |
| | | 26.5 | 16.0 | 7.0 | 22.5 | 0.8 | 26.5 | 16.0 | 7.0 | 22.5 | 0.8 | 26.5 | 18.5 | 10.0 | 22.5 | 0.8 | 32.0 | 22.0 | 13.0 | 27.5 | 0.8 |
| 684 | 0.68 | 18.0 | 18.0 | 10.0 | 15.0 | 0.8 | 18.0 | 18.0 | 10.0 | 15.0 | 0.8 | 26.5 | 18.5 | 10.0 | 22.5 | 0.8 | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 |
| | | 26.5 | 17.0 | 8.5 | 22.5 | 0.8 | 26.5 | 17.0 | 8.5 | 22.5 | 0.8 | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 | | | | | |
| 105 | 1.0 | 26.5 | 18.5 | 10.0 | 22.5 | 0.8 | 26.5 | 18.5 | 10.0 | 22.5 | 0.8 | 26.0 | 21.5 | 12.0 | 22.5 | 0.8 | 32.0 | 22.0 | 13.0 | 27.5 | 0.8 |
| | | 32.0 | 22.0 | 13.0 | 27.5 | 0.8 | 32.0 | 22.0 | 13.0 | 27.5 | 0.8 | | | | | | | | | | |
| 155 | 1.5 | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 | 32.5 | 20.0 | 11.0 | 27.5 | 0.8 | 31.5 | 24.5 | 14.0 | 27.5 | 0.8 | 32.0 | 30.0 | 15.0 | 27.5 | 0.8 |
| 225 | 2.2 | 32.0 | 22.0 | 13.0 | 27.5 | 0.8 | 32.5 | 22.0 | 13.0 | 27.5 | 0.8 | 32.0 | 30.0 | 15.0 | 27.5 | 0.8 | 31.0 | 31.0 | 18.0 | 27.5 | 0.8 |

(SPECIAL SIZE OR ITEMS ON REQUEST) 可依需求制作特殊规格